



**UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office**

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.
09/328,931	06/09/99	MORRIS	TES-7356-003

QM02/0213  
TIMOTHY E. SIEGEL, PATENT ATTORNEY  
1868 KNAPPS ALLEY #206  
WEST LINN OR 97068

EXAMINER

VERDIER, C

ART UNIT

PAPER NUMBER

3745

DATE MAILED:

02/13/01

**Please find below and/or attached an Office communication concerning this application or proceeding.**

**Commissioner of Patents and Trademarks**

<b>Interview Summary</b>	<b>Application No.</b> 09/328,931	<b>Applicant(s)</b> MORRIS, DAVID CURT	
	<b>Examiner</b> Christopher Verdier	<b>Art Unit</b> 3745	

All participants (applicant, applicant's representative, PTO personnel):

- (1) Christopher Verdier. (3) \_\_\_\_.
- (2) Timothy Siegel, Attorney of Record. (4) \_\_\_\_.

Date of Interview: 09 February 2001.

Type: a) ☒ Telephonic b) ☐ Video Conference  
c) ☐ Personal [copy given to: 1) ☐ applicant 2) ☐ applicant's representative]

Exhibit shown or demonstration conducted: d) ☐ Yes e) ☒ No.  
If Yes, brief description:

Claim(s) discussed: 1 and 2.

Identification of prior art discussed: All art of record in general.

Agreement with respect to the claims f) ☐ was reached. g) ☒ was not reached. h) ☐ N/A.

Substance of Interview including description of the general nature of what was agreed to if an agreement was reached, or any other comments: See Continuation Sheet.

(A fuller description, if necessary, and a copy of the amendments which the examiner agreed would render the claims allowable, if available, must be attached. Also, where no copy of the amendments that would render the claims allowable is available, a summary thereof must be attached.)

i) ☐ It is not necessary for applicant to provide a separate record of the substance of the interview (if box is checked).

Unless the paragraph above has been checked, THE FORMAL WRITTEN REPLY TO THE LAST OFFICE ACTION MUST INCLUDE THE SUBSTANCE OF THE INTERVIEW. (See MPEP Section 713.04). If a reply to the last Office action has already been filed, APPLICANT IS GIVEN ONE MONTH FROM THIS INTERVIEW DATE TO FILE A STATEMENT OF THE SUBSTANCE OF THE INTERVIEW. See Summary of Record of Interview requirements on reverse side or on attached sheet.

  
**CHRISTOPHER VERDIER**  
**PRIMARY EXAMINER**  
ART UNIT 3745

Examiner Note: You must sign this form unless it is an Attachment to a signed Office action.

\_\_\_\_\_  
Examiner's signature, if required

Continuation of Substance of Interview including description of the general nature of what was agreed to if an agreement was reached, or any other comments: Applicant's Attorney argued that the claims are allowable because the prior art of record does not disclose that the rotatable blades which sweep out the virtual disk generate lift as the virtual disk is pushed through the air. The examiner indicated that the references to Hartt, Bennie, Black, and Kunz, for example, all operated in this manner because lift is generated by a helicopter to sustain the helicopter during forward movement, otherwise the helicopter would fall to the ground during forward translation. The examiner also indicated that pressure differences between the upper and lower blade surfaces cause lift during forward translation, and that one of ordinary skill in the art would recognize this feature as being inherent, and that anticipation by a reference may occur if a skilled artisan would recognize the features as being inherent in the reference.